

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Appl. No. : National Phase Entry of PCT/JP03/15696  
Applicant : Hiroyuki KEDUKA et al  
Filed : July 19, 2004  
TC/A.U. :  
Examiner :

Docket No. : 2922-480  
Customer No. : 6449  
Confirmation No. :

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

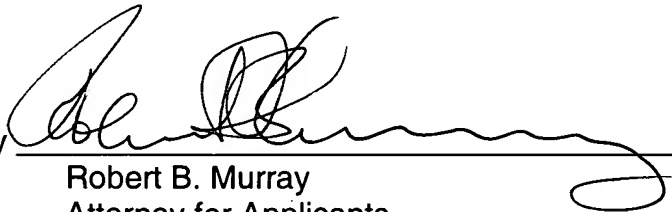
Sir:

In compliance with applicants duty of disclosure under 37 C.F.R. 1.56, enclosed is a copy of the International Search Report in the corresponding international application. The relevance of the references is noted in the International Search Report. We understand that the references have been forwarded by the International Bureau, and are available to the Examiner, but if the Examiner needs copies of any of the references, the Examiner is requested to advise counsel accordingly.

In the event that any fees are due with this paper, please charge our Deposit Account No. 02-2135.

Respectfully submitted,

By



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|--|---|----|---|--------------------------|--|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | <i>Complete if Known</i> |  |
|  |   |    |   | Application Number       | National Phase Entry of PCT/JP03/15696 |
|  |   |    |   | Filing Date              | July 19, 2004                          |
|  |   |    |   | First Named Inventor     | Hiroyuki KEDUKA et al                  |
|  |   |    |   | Group Art Unit           |  |
|  |   |    |   | Examiner Name            |  |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | 2922-480                               |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
|                       | 1.                       | 6,139,652            | A                                    | Carrano et al                                      | 10/31/00   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document     |                     |                                 | Name of Patentee or Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
|-----------------------|--------------------------|-----------------------------|---------------------|---------------------------------|--|--|----------------|
|                       |                          | Office <sup>3</sup><br>Code | Number <sup>4</sup> | Kind <sup>5</sup><br>(if known) |  |  |                |
|                       | 2.                       | JP                          | 2003-160859         | A                               | Mitsubishi Materials Corp.                         | 6/6/03   |                |
|                       | 3.                       | JP                          | 6-243509            | A                               | Ricoh Co., Ltd.                                    | 9/2/94   |                |
|                       | 4.                       | JP                          | 2001-35014          | A                               | Ricoh Co., Ltd.                                    | 2/9/01   |                |
|                       | 5.                       | JP                          | 2002-117587         | A                               | Target Technology Co., LLC                         | 4/19/02  |                |
|                       | 6.                       | JP                          | 61-6220             | A                               | Tanaka Kikinzoku Kogyo<br>Kabushiki Kaisha         | 1/11/86  |                |
|                       | 7.                       | JP                          | 61-6223             | A                               | Tanaka Kikinzoku Kogyo<br>Kabushiki Kaisha         | 1/11/86  |                |
|                       | 8.                       | JP                          | 62-130245           | A                               | Tanaka Kikinzoku Kogyo<br>Kabushiki Kaisha         | 6/12/87  |                |
|                       | 9.                       | JP                          | 61-73847            | A                               | Tanaka Kikinzoku Kogyo<br>Kabushiki Kaisha         | 4/16/86  |                |
|                       | 10.                      | JP                          | 62-243725           | A                               | Seiko Epson Corp.                                  | 10/24/87   |                |
|                       | 11.                      | JP                          | 3-36221             | A                               | Mitsubishi Materials Corp.                         | 2/15/91  |                |
|                       | 12.                      | JP                          | 11-257355           | A                               | Toyota Motor Corp.                                 | 9/21/99  |                |
|                       | 13.                      | JP                          | 8-1374              | A                               | Tanaka Kikinzoku Kogyo<br>Kabushiki Kaisha         | 1/9/96   |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.